

VI.3.6A-SETUP-GRID SETUP: G - GRIDDED PARAMETERS

The response G - Grid displays the following submenu for an input source:

GRIDDED PARAMETERS

Enter input (r-threshR f-file s-save t-terminal m-menu

Response r-threshR input

Gridded runoff files from threshR are of the form:

```
wfo/huc/rval/rvalgrid_meth_dur_basins_gridres[_interp]
```

where wfo is \$LOCATION and huc is \$MAPSET.

***** IMPORTANT...IMPORTANT...IMPORTANT *****

Change directory (cd) to the directory above \$LOCATION to use this feature.

All the subdirectories and filename suffixes shown above are controlled by the following prompts:

Method (1, 2, 3 or 4:	(1) 4
Duration (0-all 1-1hr 3-3hrs 6-6hrs):	(2) 0
Basins (a-all s-source):	(3) a
Grid resolution in 4km units (1-1 unit):	(4) 1
Interp (m-missing n-not smooth s-smooth):	(5) s

Select (number or <return>-continue):

A filename suffix is changed by selecting the option number (1 to 5) and then entering the desired choice as prompted. Choices are remembered until changed. A brief description of the options follows:

Method - runoff processing option used in threshR.

Duration - 0 includes the 1-, 3-, and 6-hour durations.

Basins - a means all basins or s means source basins only.

Grid resolution in 4 km units - only 1 unit is currently used.

Interp - m: no interpolation of missing runoff values
n: interpolate missing runoff values from surrounding
nonzero runoff values
s: interpolate all values from surrounding nonzero
runoff values.

After the options are set, the prompt appears for the \$LOCATION directory:

Enter WFO:

Followed by the prompt for the \$MAPSET directory:

Enter HUC:

The input file(s) will be read into memory after the entire gridded runoff field is retrieved from the database.

After an input file has been read, the message appears:

Read xxxx runoffs in yyyy records from
wfo/huc/rval/rvalgrid_4_1_a_1_sm

Another selection saves the data.

Response f-file input

The response f prompts for a filename (and directory) of an ASCII file containing the desired parameters. Another selection saves the data. The gridded input data required in the file is described in section VI.3.6C-FFGUID-GRID.

Response s-save input

After runoff values have been loaded from files using t-threshR or f-file, the runoff values must be saved before exiting this menu. The save option is not used with runoff values entered using t-terminal.

Response t-terminal input

Response t displays the following submenu:

```
EDIT GRIDDED FIELD

R - Runoff
G - FF Guidance
M - Menu

Select:
```

After R or G is selected, the message

WAIT - getting gridded values

appears while the values are retrieved from the database. The size of the display grid can be changed if desired by responding to the following prompt:

Change window size ([26] rows [19] columns):

Select duration:

Enter duration (1,3,6,12,24 hrs):

Part of the gridded field is displayed followed by the prompt:

**Enter (l-left r-right u-up d-down a-all bins b-boundary
t-time [3-hr] D-shift Display F-fill c-change
s-save m-menu):**

Directional movement in the field is made by entering l-left, r-right, u-up, or d-down. Each movement is incremental based on the window size specified earlier.

a - all bins in RFC area are available for display.

b - displays bins in area specified by boundary identifier (zone, headwater, basin, etc.).

t - selects time of duration (1, 3, 6, 12, or 24 hours).

D - shifts the display window independent of the window size.

F - fills in missing grid values from surrounding bins.

- c - edits a grid value.
- s - saves any changed gridded values for all durations.
- m - returns to the previous menu.

Note: The above responses are case sensitive as shown.

Response m-menu

This response returns to the Setup Menu.